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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: Ravindra K. Shetty et al.  
Title: A HYBRID SUPERVISED NEURAL NETWORK LEARNING USING DIMENSIONALITY  
REDUCTION, HESSIAN MATRIX AND PERTURBATION APPROACH  
Attorney Docket No.: H00-02102 (256.100US1)

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09/942155  
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**PATENT APPLICATION TRANSMITTAL**

**BOX PATENT APPLICATION**

Commissioner for Patents  
Washington, D.C. 20231

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- ☒ Return postcard.
- ☒ Utility Patent Application under 37 CFR § 1.53(b) comprising:
  - ☒ Specification ( 30 pgs, including claims numbered 1 through 72 and a 1 page Abstract).
  - ☒ Formal Drawing(s) ( 3 sheets).
  - ☒ **Signed Combined Declaration and Power of Attorney** ( 3 pgs).
  - ☒ Check in the amount of \$1,726.00 to pay the filing fee.
- Assignment of the invention to Honeywell International Inc. ( 2 pgs) and Recordation Form Cover Sheet.
- Check in the amount of \$40.00 to pay the Assignment recording fee.

The filing fee has been calculated below as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	72 - 20 =	52	x 18 =	\$936.00
INDEPENDENT CLAIMS	4 - 3 =	1	x 80 =	\$80.00
[ ] MULTIPLE DEPENDENT CLAIMS PRESENTED				\$0.00
BASIC FEE				\$710.00
TOTAL				\$1,726.00

Please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

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This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.